

Access DB#

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SEARCH REQUEST FORM**Scientific and Technical Information Center**Requester's Full Name: Pinchus LauferExaminer #: 73139 Date: 9/13/05Art Unit: 2100 Phone Number 272-3599Serial Number: 10/816,597Mail Box Location: 1C81

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Litigation
6,366,935

Inventor : Jeff C. Hawkins et al.

O.G. Date: October 12, 2004

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Shirelle Green</u>	Sequence (#) _____	<u>STN</u> _____
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UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6366935

[Link to Claims Section](#)

April 2, 2002

Combination laptop and pad computer

REISSUE: April 2, 2003 - Reissue Application filed Ex. Gp.: 2121; Re. S.N. 10/816,597 (O.G. October 12, 2004)

INVENTOR: Hawkins, Jeff C. - Redwood City, California; Daly, John J. - San Carlos, California

APPL-NO: 765181 (09)

FILED-DATE: January 18, 2001

GRANTED-DATE: April 2, 2002

ASSIGNEE-AT-ISSUE: AST Research, Inc., Irvine, California, 02

ASSIGNEE-AFTER-ISSUE: March 21, 2002 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., SAMSUNG ELECTRONICS AMERICA, INC. 105 CHALLENGER ROAD RIDGEFIELD PARK NEW JERSEY 07660, Reel and Frame Number: 12665/0878

March 21, 2002 - AGREEMENT OF MERGER AST RESEARCH, INC., WITH AND INTO ARI SERVICE, INC., ARI SERVICE, INC. 3351 MICHELSON DRIVE, SUITE 250 IRVINE CALIFORNIA 92612, Reel and Frame Number: 12691/0384

April 1, 2002 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., SAMSUNG ELECTRONICS CO., LTD. 416, MAETAN-3DONG, PALDAL-GU SUWON CITY, KYUNGKI-DO KOREA, REPUBLIC OF, Reel and Frame Number: 12721/0141

ENGLISH-ABST:

A portable lightweight combination laptop and pad computer has a display mounted on a main housing for movement between a closed position and an open position. In the closed position, a keyboard is covered by the undersurface of the display and the display viewing surface remains visible so that the computer may be used in the pad mode with a conductive stylus for data and command entry. In the open position, the keyboard is exposed so that the computer may be used in a laptop or desk top mode, or in a combined mode including the pad mode. The display is mounted to the housing by a four bar hinge mechanism, and a pair of latches are provided approximately mid-way between the front and rear portions of the housing along the side margins to securely latch the display in the closed position for storage, transit or use in the pad mode. A removable power pack, which attaches to the rear of the housing, carries battery power and a charging circuit for supplying power to the computer elements contained within the housing.

PARENT-PAT-INFO:

RELATED APPLICATIONS

This is a continuation of U.S. patent application Ser. No. 08/520,629, filed on Aug. 29, 1995, now U.S. Pat. No. 6,219,681, which is a continuation of U.S. patent application Ser. No. 08/215,988, filed on Mar. 22, 1994, now abandoned, which is a continuation of U.S. patent application Ser. No. 08/025,900, filed Mar. 3, 1993, now U.S. Pat. Ser.

765181 (09) 6366935 April 2, 2002

No. 5,333,116, issued Jul. 26, 1994, which is a continuation of U.S. patent application Ser. No. 07/932,515, now abandoned, filed Aug. 20, 1992, which is a continuation of U.S. patent application Ser. No. 07/839, 004, filed Feb. 14, 1992, now U.S. Pat. No. 5,200,913, issued Apr. 6, 1993, which is a continuation of U.S. patent application Ser. No. 07/519, 031, filed May 4, 1990, now abandoned, which are incorporated by reference herein.

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** SS 1: Results 1

Search statement 2

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1/1 PLUSPAT - (C) QUESTEL-ORBIT- image
PN - US2001001859 A1 20010524 [US20010001859]
PN2 - US6366935 B2 20020402 [US6366935]
TI - (A1) Combination laptop and pad computer
PA - (B2) AST RES INC (US)
PA0 - AST Research, Inc., Irvine CA [US]
PA2 - (B2) AST RES INC (US)
IN - (A1) DALY JOHN J (US); HAWKINS JEFF C (US)
AP - US76518101 20010118 [2001US-0765181]
FD - Cont. of US520629 19950829 [1995US-0520629]
- Cont. of US215988 19940322 [1994US-0215988] (Abandoned)
- Cont. of US025900 19930303 [1993US-0025900]
- Cont. of US932515 19920820 [1992US-0932515] (Abandoned)
- Cont. of US839004 19920214 [1992US-0839004]
- Cont. of US519031 19900504 [1990US-0519031] (Abandoned)
- Continuation of: US6219681
- Continuation of: US5333116 - 19940726
- Continuation of: US5200913 - 19930406
PR - US76518101 20010118 [2001US-0765181]
- US52062995 19950829 [1995US-0520629]
- US21598894 19940322 [1994US-0215988]
- US2590093 19930303 [1993US-0025900]
- US93251592 19920820 [1992US-0932515]
- US83900492 19920214 [1992US-0839004]
- US51903190 19900504 [1990US-0519031]
IC - (A1) G06F-001/16
EC - G06F-001/16P2
- G06F-001/16P2S3
- G06F-001/16P6
PCL - ORIGINAL (O) : 708100000; CROSS-REFERENCE (X) : 361681000 345169000
DT - Corresponding document
CT - US4238792; US4517660; US4718740; US4742478; US4785564; US4830328;
US4839837; US4851812; US4864523; US4949079; US4978949; US5200913;
US5333116; US6219681; EP0149762; JP62-57821; JP63-39731; JP63-128409;
JP1-131913; JP1-116826; JP3-41326
- Mabie, et al., Mechanisms and Dynamics of Machinery, John Wiley &
Sons, Inc., 1963, pp. 15-16.
STG - (A1) Utility Patent Application published on or after January 2, 2001
STG2- (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001
AB - A portable lightweight combination laptop and pad computer has a
display mounted on a main housing for movement between a closed
position and an open position. In the closed position, a keyboard is
covered by the undersurface of the display and the display viewing
surface remains visible so that the computer may be used in the pad
mode with a conductive stylus for data and command entry. In the open
position, the keyboard is exposed so that the computer may be used in
a laptop or desk top mode, or in a combined mode including the pad
mode. The display is mounted to the housing by a four bar hinge
mechanism, and a pair of latches are provided approximately mid-way
between the front and rear portions of the housing along the side
margins to securely latch the display in the closed position for

Submitted by Pinchus Laufer

10/816597

storage, transit or use in the pad mode. A removable power pack, which attaches to the rear of the housing, carries battery power and a charging circuit for supplying power to the computer elements contained within the housing.

UP - 2001-22

1/1 LGST - (C) EPO

PN - US2001001859 A1 20010524 [US20010001859]

- US6366935 B2 20020402 [US6366935]

AP - US76518101 20010118 [2001US-0765181]

ACT - 20020321 US/AS-A

ASSIGNMENT

OWNER: SAMSUNG ELECTRONICS AMERICA, INC. 105 CHALLENGER R; EFFECTIVE

DATE: 20020318

ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR: ARI SERVICE, INC.; REEL/FRAME: 012665/0878

- 20020321 US/AS-A

ASSIGNMENT

OWNER: ARI SERVICE, INC. 3351 MICHELSON DRIVE, SUITE 250; EFFECTIVE

DATE: 20000330

AGREEMENT OF MERGER AST RESEARCH, INC., WITH AND INTO ARI SERVICE, INC.; ASSIGNORS: AST RESEARCH, INC., A DELAWARE CORPORATION; ARI SERVICE, INC., A CALIFORNIA CORPORATION; REEL/FRAME: 012691/0384

- 20020401 US/AS-A

ASSIGNMENT

OWNER: SAMSUNG ELECTRONICS CO., LTD. 416, MAETAN-3DONG, P; EFFECTIVE

DATE: 20020326

ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR: SAMSUNG ELECTRONICS AMERICA, INC.; REEL/FRAME: 012721/0141

- 20041012 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20030402

UP - 2004-46

1/1 CRXX - (C) CLAIMS/RRX

PN - 6,366,935 A 20020402 [US6366935]

PA - AST Research Inc

ACT - 20030402 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20041012

REISSUE REQUEST NUMBER: 10/816597

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2121

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